

# 3-D Thursdays!

## "Three-Dimensional" Series for Rural K-12 Educators

● Professional Development    ● Networking    ● NGSS Connections

### First Thursday of Each Month

Upcoming: Feb. 2<sup>nd</sup> at 7:00 pm Central Time

With hosts Dr. Rachael Arens, Research Associate at NASA/NAU PLANETS and Luke Henke, Albert Einstein Distinguished Educator Fellow at NASA

**Students Teaching Students: Join the NASA eClips educators to learn more about TWO NASA opportunities for YOUR students to interact, engage, and share their learning with peers across the nation.**

## Special Guests



### Dr. Sharon Bowers

**Sharon Bowers** has been a K-8 educator for more than 30 years and her work with children earned her several honors, including recognition as a *Secondary Science Presidential Award Winner* for Virginia. Sharon is a Senior STEM Specialist and the Associate Director for the Center for Integrative STEM Education at the National Institute of Aerospace (CISE-NIA). In this position, Sharon and her teammates develop NASA eClips and other resources that model best practice in the use of instructional technology to support STEM education and professional learning experiences for educators. Sharon has developed and teaches graduate courses for McDaniel College that lead to a certificate in STEM Instructional Leadership. She earned her BA in Biology, her MEd in Special Education (both from McDaniel College), and her EdD in Integrative STEM Education from Virginia Tech.



### Joan Harper-Neely

**Joan Harper-Neely** is a Senior STEM Education Specialist for CISE-NIA. She is a member of the team that produces the NASA eClips videos and educator guides. Joan enjoys planning and delivering webinars and face-to-face professional development on best practices for integrating STEM into the curriculum. She received her BS in Education from Pennsylvania State University and her MEd in Curriculum and Instruction from Regent University. As an adjunct professor at McDaniel College, Joan teaches a course exploring Technology's Impact on Learning. Joan is passionate about teaching learners to access, use, create, and control technology to solve problems and develop content about topics they find interesting and important.



### Betsy McAllister

**Betsy McAllister** is the STEM teacher specialist for Hampton City Schools in Hampton, VA and the Educator in Residence at CISE-NIA. She received her BA in Biology from Hollins University and her MEd from Old Dominion University, with an emphasis in science education. Betsy enjoys supporting teachers in their growth as STEM educators and engaging students in real-world STEM experiences. She also enjoys her role in growing the STEM Network for her school division by developing meaningful connections between science classrooms and outside entities. She is passionate about environmental education and volunteers her time as a Master Gardener and Master Naturalist.



Register at: <https://forms.gle/2NCKfgBvD599XCd76>